Event

MPTS IJET
EP 2101
IFT/OFT

Mission

EMERGENCY PROCEDURES SIMULATOR

1.3 HOURS IFT/X

ORM

EP 2101

- **OPERATIONAL REQUIREMENTS / LIMITATIONS**
  - **CREW REST/ CREW DAY / WORK WEEK**
  - **WARM-UP ELIGIBILITY**
  - **PREVIOUS FLIGHT COMPLETE?**
  - **IP CURRENCY**
  - **READ AND INITIAL**

- **HUMAN FACTORS**
  - **LIFE STRESSORS / EXTERNAL FACTORS/ PERSONAL PROBLEMS**
  - **MEDICAL STATUS**
    - **CREW DAY**
    - **CREW REST**
    - **NOURISHMENT**
    - **HYDRATION**

- **HAZARDS AND CONTROLS**
  - **ROUTINE**
  - **WEATHER**
    - **CURRENT OBSERVATIONS AND FORECASTS**
    - **CROSSWINDS**
    - **FUEL CONSIDERATIONS**

TTO

EP 2101

- **WHO WILL CALL A TTO?**

- **WHAT SITUATIONS WILL THE TTO BE CALLED?**
  - **SAFETY**
  - **CONFUSION**
  - **MISUNDERSTANDING**

- **IP RESPONSIBILITIES**
  - **RECOGNIZE THE NEED FOR A TTO**
  - **EXPLANATION / INSTRUCTION AS NECESSARY**
  - **DOCUMENTATION ON ATF**

- **WHEN AND HOW WILL TRAINING RESUME?**

ADMIN

EP 2101

- **QOD**
  - **NATOPS**
  - **EP**
  - **SOP**
- **PREREQUISITES**
  - **CO 3202**
  - **ORM 1101**
  - **CRM 1101**
  - **EP 1106**
  - **EP 1111 PRIOR TO EP 2103**
- **MISC**
  - **EVENT DURATION MUST BE AT LEAST 0.75 OF SYLLABUS TIME TO BE COMPLETE (1.1 HRS).**
  - **AN EVENT DURATION THAT DEVIATES GREATER THAN 0.3 HOURS FROM SYLLABUS TIME MUST HAVE THE REASON ANNOTATED ON THE GRADE SHEET.**

SYLLABUS NOTES

EP 2101

A. THE STUDENT WILL PERFORM THE FOLLOWING PROCEDURES IAW FTI, NATOPS, AND SOP:

- **NO READY LIGHT**
- **WET START**
- **LOW OIL PRESSURE ON START**
- **HOT START**
- **GROUND EMERGENCY COMMUNICATIONS**
- **UNSAFE GEAR (UP)**
- **FUEL LEAK**
- **LP FUEL PUMP FAILURE**
- **BOOST PUMP FAILURE**
- **INITIAL SHOT FAILURE**
- **ENGINE FIRE, NO SECONDARY INDICATIONS**
- **GINA FAILURE**
- **ENGINE FIRE ON SHUTDOWN**
- **EMERGENCY EGRESS**

SSR/DISCUSS ITEMS

EP 2101

- **SPECIAL SYLLABUS REQUIRMENTS:**
  - **NONE**

- **DISCUSS ITEMS:**
  - **QOD**
  - **CANOPY MALFUNCTIONS**
  - **ENGINE FIRE ON DECK**
  - **AIR START**

EP 2101

BLOCK MIF

CTS REF	MANEUVER	EP2104
1	General Knowledge/Procedures	3+
2	Emergency Procedures	3+
3	Headwork/Situational Awareness	3+
4	Basic Airwork	1+
5	Mission Planning/Briefing/Debriefing	3+
6	Communications	2+
7	Ground Operations	3+
8	Flight Admin	3+
2	Start Malfunctions	3+
2	Ground Emergencies	3+
2	Aborted Takeoff	3+
2	Takeoff EPs	3+
2	Engine EPs	3+
2	Flight Control EPs	3+
2	Gear EPs	3+
2	Electrical EPs	3+
2	Hydraulic EPs	3+
2	ECS EPs	3+
2	Fuel System EPs	3+
2	Ejection	3+

STANDARD DEBRIEFING FORMAT

EP 2101

- THE FLIGHT LEAD OR PILOT-IN-COMMAND IS RESPONSIBLE FOR ENSURING ALL FLIGHT OR CREWMEMBERS ARE THOUROUGHLY DEBRIEFED ON THE CONDUCT OF THE MISSION UTILIZING THE "S-P-B-E-MS-LL" FORMAT OUTLINED BELOW.

I. SAFETY
II. PLANNING
III. BRIEF
IV. EXECUTION
V. MISSION SUCCESS
VI. LESSONS LEARNED